

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("5134087").PN.	US-PGPUB; USPAT	OR	OFF	2009/03/09 07:30
L3	1	("5510623").PN.	US-PGPUB; USPAT	OR	OFF	2009/03/09 08:03
L4	439	(CCD OR (Charge adj1 transfer\$6 adj1 device)) (serial adj1 register)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 08:07
L5	132	(CCD OR (Charge adj1 transfer\$6 adj1 device)) (channel same (serial adj1 register))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 08:08
L6	15	(CCD OR (Charge adj1 transfer\$6 adj1 device)) (channel near (serial adj1 register))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/09 08:08
L7	1	("4,725,748").PN.	US-PGPUB; USPAT	OR	OFF	2009/03/09 08:11
S1	1	("20070194351").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/23 09:16
S2	1	("5576561").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/23 09:17
S3	1	("5900654").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/23 09:18
S4	1	("5981988").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/23 09:19
S5	1	("5804465").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/23 09:19
S6	1	("5134087").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/23 09:20
S7	1	("5902995").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/23 09:21
S8	1	("4555731").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/23 09:22
S9	1	("6521920").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/23 09:22
S10	1	("6384519").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/23 09:23
S11	1	("5134087").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/23 09:45
S12	1	("5166511").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2009/02/23 10:14

S13	471	257/768.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:21
S14	434	S13 @pd<="20060917"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:21
S15	1	S14 CCD	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:21
S16	0	S14 (Charge adj1 transfer\$6 adj1 device)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:23
S17	2	S14 (Charge adj1 couple\$6 adj1 device)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:23
S18	435	257/215.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:23
S19	395	S18 @pd<="20060917"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:24
S20	222	S19 CCD	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:24
S21	18	S19 (CCD adj1 imager)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:24
S22	155	257/216.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:25

S23	145	S22 @pd<="20060917"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:26
S24	7	S23 (CCD adj1 imager)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:26
S25	638	257/222.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:28
S26	575	S25 @pd<="20060917"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:28
S27	57	S26 (CCD adj1 imager)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:28
S28	411	257/249.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:36
S29	388	S28 @pd<="20060917"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:37
S30	22	S29 (CCD adj1 imager)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:37
S31	228	257/E27.153.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:43
S32	214	S31 @pd<="20060917"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:44

S33	8	S32 (CCD adj1 imager)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:44
S34	1043	257/E27.154.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:46
S35	996	S34 @pd<="20060917"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:46
S36	118	S35 (CCD adj1 imager)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:46
S37	107	S36 channel	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:47
S38	4	S37 (transfer adj1 path)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:47
S39	5	257/E31.075.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:49
S40	0	257/E31.070.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:50
S41	11	257/E31.078.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:51
S42	2	257/E31.081.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:53

S43	139	257/E31.083.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:54
S44	98	S43 @pd<="20060917"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:54
S45	12	S44 (CCD adj1 imager)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:54
S46	5	(CCD adj1 imager) WITH micro\$1channel	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 10:59
S47	0	(CCD adj1 imager) NEAR micro\$1channel	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:00
S48	14	(CCD adj1 imager) same micro\$1channel	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:01
S49	101	(CCD adj1 imager) micro \$1channel	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:09
S50	89	S49 @pd<="20060917"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:09
S51	14	S50 "257".clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:10
S52	0	(CCD adj1 imager) (radiatio adj1 hard)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:16

S53	0	(CCD adj1 imager) (radiatio adj1 tolerant)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:16
S54	8	(CCD adj1 imager) (radiation adj1 hard)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:16
S55	8	(CCD adj1 imager) (radiation adj1 tolerant)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:18
S56	1236	(Charge adj1 couple\$6 adj1 device) micro\$1channel	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:20
S57	76	S56 "257".clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:21
S58	62	S57 @pd<="20060917"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:21
S59	1	(Charge adj1 couple\$6 adj1 device) (channel adj1 divid\$6 adj1 path)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:29
S60	53	(Charge adj1 couple\$6 adj1 device) (channel adj1 path)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:30
S61	0	(Charge adj1 couple\$6 adj1 device) (channel adj1 (secondary adj1 path))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:30
S62	46	S60 @pd<="20060917"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:31

S63	2	(Charge adj1 couple\$6 adj1 device) SAME (channel adj1 path)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:31
S64	0	(Charge adj1 couple\$6 adj1 device) WITH (channel adj1 path)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:32
S65	0	(Charge adj1 couple\$6 adj1 device) NEAR (channel adj1 path)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:32
S66	0	(Charge adj1 couple\$6 adj1 device) ADJ (channel adj1 path)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:33
S67	53	(Charge adj1 couple\$6 adj1 device) (channel adj1 path)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:33
S68	10099	(Charge adj1 couple\$6 adj1 device) (channel path)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:34
S69	7400	S68 @pd<="20060917"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:34
S70	981	S69 "257".clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:34
S71	56	S70 (anti\$1bloom\$6)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:35
S72	40	S70 (charge adj1 over\$1flow \$6)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:41

S73	14	(Charge adj1 couple\$6 adj1 device) (secondary adj1 path)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:45
S74	0	(Charge adj1 transfer\$6 adj1 device) (secondary adj1 path)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:50
S75	3	(Charge adj1 device) (secondary adj1 path)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:50
S76	28	(CCD OR (Charge adj1 transfer\$6 adj1 device)) (secondary adj1 path)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:51
S77	1520	(CCD OR (Charge adj1 transfer\$6 adj1 device)) (plurality adj1 channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:52
S78	1022	S77 @pd<="20060917"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:53
S79	156	S78 "257".clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:53
S80	72	S79 path	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:53
S81	238	((CCD OR (Charge adj1 transfer\$6 adj1 device)) adj1 imag\$6) (plurality adj1 channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:59
S82	163	S81 @pd<="20060917"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:59



S83	47	S82 "257".clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 11:59
S84	4059	((CCD OR (Charge adj1 transfer\$6 adj1 device)) adj1 imag\$6) (imag\$6 adj1 (area OR region))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 12:04
S85	57	((CCD OR (Charge adj1 transfer\$6 adj1 device)) adj1 imag\$6) (imag\$6 adj1 (area OR region)) (plurality adj1 channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/23 12:05
S86	84759	charge near coupled near device	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 16:06
S87	13618	(graded or step\$3) near (channel or (charge near path))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 16:07
S88	27	"257"/\$3.ccls. S86 S87	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 16:07
S89	437293	"257".clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 16:17
S90	44	"257".clas. S86 S87	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 16:18
S91	237817	(charge near coupled near device) or ccd	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 16:28
S92	35	"257"/\$3.ccls. S91 S87	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 16:28

S93	71	"257".clas. S91 S87	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 16:29
S94	1	("5166511").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/27 16:33
S95	0	(image adj1 area) near (channel near (divid\$6 near path))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 16:40
S96	13	(channel near (divid\$6 near path))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 16:40
S97	14810	(channel near path)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 16:41
S98	68793	(image adj1 area)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 16:41
S99	32	"257".clas. S91 S97	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 16:41
S100	346	S91 (charge adj1 over \$1flow)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 16:48
S101	203	S100 channel	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 16:48
S102	4	S100 (channel near path)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 16:49
S103	0	S100 (secondary adj1 path)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 16:50

S104	1	S100 (second\$3 adj1 path)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 16:51
S105	6	S100 (second\$3 near path)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 16:51
S106	194379	(image\$6) S91	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 16:53
S107	39951	S106 channel	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 16:53
S108	188	S107 (charge adj1 over \$1flow)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 16:54
S109	1600	S106 (plurality near channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 16:55
S110	11	S109 (charge adj1 over \$1flow)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 16:55
S111	424	S109 (barrier)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 16:59
S112	424	S111 S109	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 17:01
S113	9	S111 S109 S108	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 17:01

S114	9	S112 S108	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 17:03
S115	9	S111 S108	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 17:03
S116	280	S111 path	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 17:04
S117	4	S116 (charge adj1 over \$1flow)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 17:04
S118	202	S106 (channel near edge)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 17:10
S119	1	S106 ((channel near edge) near path)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 17:11
S120	139	S118 path	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 17:11
S121	102	S120 @pd<="20060917"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 17:12
S122	29	S121 "257".clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 17:14
S123	9	S110 (barrier)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 17:19

S124	4107	(linear near image\$6) S91	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 17:22
S125	24	S124 (charge adj1 over \$1flow)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 17:22
S126	13	S125 @pd<="20060917"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/27 17:23

**3/ 9/ 2009 8:22:55 AM**

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